AUTHOR INDEX

Adachi, S., H.V. von Geramb, Microscopic analysis of antiproton–nucleus elastic scattering A470(1987)461
Alaga, G., *see* Bogdanović A470(1987) 13
Alexander, T.K., *see* Gascon A470(1987)230
Alstad, J., *see* Kaffrell A470(1987)141
Andrews, H.R., *see* Gascon A470(1987)230
Aoki, Y., *see* Kurokawa A470(1987)377
Apostol, M., I. Bulboacă, F. Cârstoiu, O. Dumitrescu, M. Horoi, Alpha-like four nucleon correlations in superfluid phases of atomic nuclei A470(1987) 64
Aryaeinejad, R., *see* Campbell A470(1987)349
Asimov, S.A., G.M. Chernov, S. Garpman, K.K. Gudima, K.G. Gulamov, U.G. Gulyamov, B. Jakobsson, Sh. Navotny, A. Oskarsson, I. Otterlund, N.V. Petrov, L.N. Svechnikova, V.D. Toneev, T.P. Trofimova, Multiplicity and angular distributions of charged particles at interactions of ^{56}Fe in emulsion at 2.5 *A* GeV/*c* A470(1987)653
Aslanides, E., D.M. Drake, J.C. Peng, D. Garreta, P. Birien, G. Bruge, H. Catz, A. Chameaux, S. Janouin, D. Legrand, M.-C. Lemaire, B. Mayer, J. Pain, F. Perrot, M. Berrada, J.P. Bocquet, E. Monnand, J. Mougey, P. Perrin, O. Bing, J. Lichtenstadt, A.I. Yavin, Search for $\bar{p}$-nucleus states using the $(\bar{p}, p)$ knock-out reaction at 600 MeV/*c* A470(1987)445
Ataç, A., *see* Ramsøy A470(1987) 79
Ataç, A., *see* Rekstad A470(1987)397
Azuma, R.E., *see* Magnus A470(1987)206
Bacelar, J.C., *see* Shastry A470(1987)253
Ball, G.C., *see* Gascon A470(1987)230
Ball, G.C., *see* Warner A470(1987)339
Banville, F., *see* Gascon A470(1987)230
Bark, R.A., *see* England A470(1987)241
Barreau, G., *see* Bogdanović A470(1987) 13
Basak, A., *see* Warner A470(1987)339
Baxter, A.M., *see* Gyapong A470(1987)415
Behrman, R., *see* Tondeur A470(1987) 93
Bellinghausen, B., H.J. Gassen, G. Nöldeke, E. Reese, T. Reichelt, P. Stipp, H.-A. Synal, Elastic photoproduction of charged pions on ^{3}He and H in the $\Delta(1232)$ resonance region A470(1987)429
Berrada, M., *see* Aslanides A470(1987)445
Bing, O., *see* Aslanides A470(1987)445
Birien, P., *see* Aslanides A470(1987)445
Blasi, N., *see* Kaffrell A470(1987)141
Blasi, N., *see* Lo Bianco A470(1987)266
Bocquet, J.P., *see* Aslanides A470(1987)445
Bogdanović, M., R. Brissot, G. Barreau, K. Schreckenbach, S. Kerr, H.G. Börner, I.A. Kondurov, Yu.E. Loginov, V.V. Martynov, P.A. Sushkov, H. Seyfarth, T. von Egidy, P. Hungerford, H.H. Schmidt, H.J. Scheerer, A. Chalupka, W. Kane, G. Alaga, The level scheme of ^{134}Cs A470(1987) 13
Bøggild, H., *see* Jackson A470(1987)669
Börjesson, S., *see* Kaffrell A470(1987)141
Börner, H.G., *see* Bogdanović A470(1987) 13
Brissot, R., *see* Bogdanović A470(1987) 13
Browne, C.P., *see* Warner A470(1987)339
Bruge, G., *see* Aslanides A470(1987)445
Bulboacă, I., *see* Apostol A470(1987) 64
Burnett, S.M., *see* Gyapong A470(1987)415
Campbell, C., *see* Magnus A470(1987)206
Campbell, J.R., W.R. Falk, N.E. Davison, J. Knudson, R. Aryaeinejad, R. Tkachuk, Tensor polarisation of ^{12}C(15.11 MeV, $J^{\pi} = 1^{+}$) in the ^{13}C(p, d)^{12}C($\rightarrow {}^{12}$C g.s. + γ) reaction at $E_p = 41.3$ MeV A470(1987)349
Cârstoiu, F., *see* Apostol A470(1987) 64
Catz, H., *see* Aslanides A470(1987)445
Chalupka, A., *see* Bogdanović A470(1987) 13
Chameaux, A., *see* Aslanides A470(1987)445
Chernov, G.M., *see* Asimov A470(1987)653
Christy, A., *see* Gascon A470(1987)230
Cooper, E.D., K.H. Hicks, B.K. Jennings, The $(\vec{p}, n\pi)$ ground state reaction in a relativistic framework A470(1987)523
Cugnon, J., P. Jasselette, J. Vandermeulen, Nucleus excitation and deexcitation following $\bar{p}$-annihilation at rest A470(1987)558
Darden, S.E., *see* Warner A470(1987)339
Davies, W.G., *see* Warner A470(1987)339
Davison, N.E., *see* Campbell A470(1987)349
De Frenne, D., *see* Kaffrell A470(1987)141
De Gelder, P., *see* Kaffrell A470(1987)141
Descouvemont, P., Microscopic description of the ^{16}O spectrum in a multiconfiguration cluster model A470(1987)309
Ditusa, J.A., *see* Warner A470(1987)339
Donoghue, T.R., *see* Warner A470(1987)339
Drake, D.M., *see* Aslanides A470(1987)445
Drozdz, S., *see* Nakayama A470(1987)573
Dumitrescu, O., *see* Apostol A470(1987) 64
Dutta, A.K., *see* Tondeur A470(1987) 93
Ejiri, H., *see* Fukuda A470(1987) 1
Engeland, T., *see* Ramsøy A470(1987) 79
England, J.B.A., T.R. Ophel, R.A. Bark, L.K. Fifield, A study of states in ^{57}Co via the reaction ^{56}Fe(^{7}Li, ^{6}He)^{57}Co at 38 MeV A470(1987)241
Faessler, A., *see* Ito A470(1987)626

Falk, W.R., *see* Campbell A470(1987)349
Ferguson, A.J., *see* Warner A470(1987)339
Fewell, M.P., *see* Gyapong A470(1987)415
Fifield, L.K., *see* England A470(1987)241
Forster, J.S., *see* Warner A470(1987)339
Fujioka, M., *see* Miyatake A470(1987)328
Fukuda, M., Y. Nagai, T. Irie, H. Ejiri, Spin-flip magnetic quadrupole transitions in ^{115}Sn and ^{117}Sn A470(1987) 1
Garpman, S., *see* Asimov A470(1987)653
Garreta, D., *see* Aslanides A470(1987)445
Garrett, J.D., *see* Shastry A470(1987)253
Gascon, J., F. Banville, P. Taras, D. Ward, T.K. Alexander, H.R. Andrews, G.C. Ball, D. Horn, D.C. Radford, J.C. Waddington, A. Christy, Constant transition quadrupole moments in ^{174}Os up to spin 20$\hbar$ A470(1987)230
Gassen, H.J., *see* Bellinghausen A470(1987)429
Gelberg, A., *see* Lo Bianco A470(1987)266
Ghosh, D., J. Roy, R. Sengupta, Pion and proton production in forward and backward hemisphere in ^{12}C-emulsion interaction at 4.5 GeV/c per nucleon A470(1987)683
Gudima, K.K., *see* Asimov A470(1987)653
Gulamov, K.G., *see* Asimov A470(1987)653
Gulyamov, U.G., *see* Asimov A470(1987)653
Guttormsen, M., *see* Ramsøy A470(1987) 79
Guttormsen, M., *see* Rekstad A470(1987)397
Gyapong, G.J., R.H. Spear, M.P. Fewell, A.M. Baxter, S.M. Burnett, Experimental determination of the electric quadrupole moment of the first excited state of ^{192}Pt A470(1987)415
Hagemann, G.B., *see* Shastry A470(1987)253
Harakeh, M.N., *see* Kaffrell A470(1987)141
Hausmann, R., *see* Kohno A470(1987)609
Herskind, B., *see* Shastry A470(1987)253
Heyde, K., *see* Kaffrell A470(1987)141
Hicks, K.H., *see* Cooper A470(1987)523
Hill, P., *see* Kaffrell A470(1987)141
Horn, D., *see* Gascon A470(1987)230
Horoi, M., *see* Apostol A470(1987) 64
Hungerford, P., *see* Bogdanović A470(1987) 13
Ingebretsen, F., *see* Rekstad A470(1987)397
Irie, T., *see* Fukuda A470(1987) 1
Ito, H., A. Faessler, Elastic ed scattering in a microscopic meson quark cluster model A470(1987)626
Jackson, A.D., H. Bøggild, A model of transverse energy production in high energy nucleus-nucleus collisions A470(1987)669
Jacobs, E., *see* Kaffrell A470(1987)141
Jakobsson, *see* Asimov A470(1987)653
Janouin, *see* Aslanides A470(1987)445
Jasselette, P., *see* Cugnon A470(1987)558
Jennings, B.K., *see* Cooper A470(1987)523
Johnson, M.B., J. Speth, Deep inelastic scattering from the nuclear medium A470(1987)488
Kaffrell, N., P. Hill, J. Rogowski, H. Tetzlaff, N. Trautmann, E. Jacobs, P. de Gelder, D. de Frenne, K. Heyde, S. Börjesson, G. Skarnemark, J. Alstad, N. Blasi, M.N. Harakeh, W.A. Sterrenburg, K. Wolfsberg, Levels in ^{109}Rh A470(1987)141
Kane, W., *see* Bogdanović A470(1987) 13
Kerr, S., *see* Bogdanović A470(1987) 13
King, J.D., *see* Magnus A470(1987)206
Knudson, J., *see* Campbell A470(1987)349
Kohno, M., R. Hausmann, P. Siegel, W. Weise, Σ^- hypernuclear spectra from (K^-, π^+) inclusive reactions A470(1987)609
Kondurov, I.A., *see* Bogdanović A470(1987) 13
Kownacki, J., *see* Shastry A470(1987)253
Krewald, S., *see* Nakayama A470(1987)573
Kuo, T.T.S., *see* Mavromatis A470(1987)185
Kurokawa, M., Y. Aoki, Y. Tagishi, K. Yagi, One- and two-step processes in natural- and unnatural-parity ^{208}Pb($\vec{p}$, t)^{206}Pb reaction at $E_p = 22$ MeV A470(1987)377
Legrand, D., *see* Aslanides A470(1987)445
Leinweber, D.B., Momentum-dependent effects in the decays of charmonium and upsilon A470(1987)477
Lemaire, M.-C., *see* Aslanides A470(1987)445
Lichtenstadt, J., *see* Aslanides A470(1987)445
Lo Bianco, G., P. Paruzzi, K.P. Schmittgen, R. Reinhardt, A. Gelberg, K.O. Zell, P. von Brentano, N. Blasi, Levels in ^{138}Ce by in-beam spectroscopy A470(1987)266
Loginov, Yu.E., *see* Bogdanović A470(1987) 13
Løvhøiden, G., *see* Ramsøy A470(1987) 79
Løvhøiden, G., *see* Rekstad A470(1987)397
Magnus, P.V., M.S. Smith, P.D. Parker, R.E. Azuma, C. Campbell, J.D. King, J. Vise, Measurement of the ^{15}N(α, γ)^{19}F resonances at $E_{c.m.} = 536$ keV and 542 keV A470(1987)206
Martynov, V.V., *see* Bogdanović A470(1987) 13
Mavromatis, H.A., H. Müther, T. Taigel, T.T.S. Kuo, Contribution of particle-particle, hole-hole and particle-hole ring diagrams to the binding energies of finite nuclei A470(1987)185
Mayer, B., *see* Aslanides A470(1987)445
Mittet, R., E. Østgaard, Lowest-order constrained-variation calculations of binding energies for symmetric and asymmetric nuclear matter A470(1987)161
Miyatake, H., K. Ogawa, T. Shinozuka, M. Fujioka, A shell-model study of Gamow-Teller matrix elements in the $0f_{7/2}$ shell nuclei A470(1987)328
Monnand, *see* Aslanides A470(1987)445
Morley, P.D., I. Schmidt, Delta electroproduction in nuclei A470(1987)547
Mougey, J., *see* Aslanides A470(1987)445
Müther, H., *see* Mavromatis A470(1987)185
Myers, W.D., P. Rozmej, The contribution of collective zero-point motion to mean-square charge radii A470(1987)107
Nadasen, A., *see* Warner A470(1987)339
Nagai, Y., *see* Fukuda A470(1987) 1
Nagarajan, M.A., *see* Pál A470(1987)285
Nakayama, K., S. Drozdz, S. Krewald, J. Speth, Quasiparticle relativistic G-matrix interaction A470(1987)573
Navotny, Sh., *see* Asimov A470(1987)653

Noguera, S., *see* Sanjosé A470(1987)509
Nöldeke, G., *see* Bellinghausen A470(1987)429
Ogawa, K., *see* Miyatake A470(1987)328
Olsen, J.B., *see* Rekstad A470(1987)397
Ophel, T.R., *see* England A470(1987)241
Oskarsson, A., *see* Asimov A470(1987)653
Østgaard, E., *see* Mittet A470(1987)161
Otterlund, I., *see* Asimov A470(1987)653
Pain, J., *see* Aslanides A470(1987)445
Pál, K.F., N. Rowley, M.A. Nagarajan, Quadrupole and higher-order pairing forces A470(1987)285
Parker, P.D., *see* Magnus A470(1987)206
Paruzzi, P., *see* Lo Bianco A470(1987)266
Pearson, J.M., *see* Tondeur A470(1987) 93
Peng, J.C., *see* Aslanides A470(1987)445
Perrin, P., *see* Aslanides A470(1987)445
Perrot, F., *see* Aslanides A470(1987)445
Petrov, N.V., *see* Asimov A470(1987)653
Radford, D.C., *see* Gascon A470(1987)230
Ramsøy, T., A. Ataç, T. Engeland, M. Guttormsen, J. Rekstad, G. Løvhøiden, T.F. Thorsteinsen, J.S. Vaagen, Particle-vibration coupled states in ^{161}Dy A470(1987) 79
Ramsøy, T., *see* Rekstad A470(1987)397
Reese, E., *see* Bellinghausen A470(1987)429
Reichelt, T., *see* Bellinghausen A470(1987)429
Reinhardt, R., *see* Lo Bianco A470(1987)266
Rekstad, J., *see* Ramsøy A470(1987) 79
Rekstad, J., A. Ataç, M. Guttormsen, T. Ramsøy, J.B. Olsen, F. Ingebretsen, T.F. Thorsteinsen, G. Løvhøiden, T. Rødland, Reaction dependence and gross structure of the γ-decay of highly excited states in the rare earth nucleus ^{162}Dy A470(1987)397
Rinckel, T., *see* Warner A470(1987)339
Rødland, T., *see* Rekstad A470(1987)397
Rogowski, J., *see* Kaffrell A470(1987)141
Rovine, J.W., *see* Warner A470(1987)339
Rowley, N., *see* Pál A470(1987)285
Roy, J., *see* Ghosh A470(1987)683
Rozmej, P., *see* Myers A470(1987)107
Sale, K., *see* Warner A470(1987)339
Sanjosé, V., V. Vento, S. Noguera, Pionic effects in inelastic electron-nucleus scattering A470(1987)509
Scheerer, H.J., *see* Bogdanović A470(1987) 13
Schmidt, H.H., *see* Bogdanović A470(1987) 13
Schmidt, I., *see* Morley A470(1987)547
Schmittgen, K.P., *see* Lo Bianco A470(1987)266
Schreckenbach, K., *see* Bogdanović A470(1987) 13
Sen, S., *see* Warner A470(1987)339
Sengupta, R., *see* Ghosh A470(1987)683
Seyfarth, H., *see* Bogdanović A470(1987) 13
Shastry, S., J.C. Bacelar, J.D. Garrett, G.B. Hagemann, B. Herskind, J. Kownacki, Signature-splitting systematics of the positive-parity bands in odd-N rare-earth nuclei A470(1987)253
Shinozuka, T., *see* Miyatake A470(1987)328
Siegel, P., *see* Kohno A470(1987)609
Skarnemark, G., *see* Kaffrell A470(1987)141
Smith, M.S., *see* Magnus A470(1987)206
Sneppen, K., Partitioning of a two component particle system and the isotope distribution in nuclear fragmentation A470(1987)213
Spear, R.H., *see* Gyapong A470(1987)415
Speth, J., *see* Johnson A470(1987)488
Speth, J., *see* Nakayama A470(1987)573
Sterrenburg, W.A., *see* Kaffrell A470(1987)141
Stipp, P., *see* Bellinghausen A470(1987)429
Sushkov, P.A., *see* Bogdanović A470(1987) 13
Suzuki, Y., The nuclear symplectic model for isoscalar giant resonances and its coupling with a cluster basis in ^{20}N A470(1987)119
Svechnikova, L.N., *see* Asimov A470(1987)653
Synal, H.-A., *see* Bellinghausen A470(1987)429
Tagishi, Y., *see* Kurokawa A470(1987)377
Taigel, T., *see* Mavromatis A470(1987)185
Taras, P., *see* Gascon A470(1987)230
Tetzlaff, H., *see* Kaffrell A470(1987)141
Thorsteinsen, T.F., *see* Ramsøy A470(1987) 79
Thorsteinsen, T.F., *see* Rekstad A470(1987)397
Tkachuk, R., *see* Campbell A470(1987)349
Tondeur, F., A.K. Dutta, J.M. Pearson, R. Behrman, Thomas-Fermi approach to nuclear mass formula (II). Deformed nuclei and fission barriers A470(1987) 93
Toneev, V.D., *see* Asimov A470(1987)653
Trautmann, N., *see* Kaffrell A470(1987)141
Trofimova, T.P., *see* Asimov A470(1987)653
Vaagen, J.S., *see* Ramsøy A470(1987) 79
Vandermeulen, J., *see* Cugnon A470(1987)558
Vaughan, B.A., *see* Warner A470(1987)339
Vento, V., *see* Sanjosé A470(1987)509
Vinh Mau, N., A consistent derivation of the real and imaginary parts of the heavy ion potential below and above the Coulomb barrier A470(1987)406
Vise, J., *see* Magnus A470(1987)206
Von Brentano, P., *see* Lo Bianco A470(1987)266
Von Egidy, T., *see* Bogdanović A470(1987) 13
Von Geramb, H.V., *see* Adachi A470(1987)461
Waddington, J.C., *see* Gascon A470(1987)230
Wakeland, R.S., *see* Warner A470(1987)339
Ward, D., *see* Gascon A470(1987)230
Warner, R.E., B.A. Vaughan, J.A. Ditusa, J.W. Rovine, R.S. Wakeland, C.P. Browne, S.E. Darden, S. Sen, A. Nadasen, A. Basak, T.R. Donoghue, T. Rinckel, K. Sale, G.C. Ball, W.G. Davies, A.J. Ferguson, J.S. Forster, The mechanism of the ^{7}Li(d, 2α)n reaction from $E_d = 3$ to 15 MeV A470(1987)339
Weise, W., *see* Kohno A470(1987)609
Wolfsberg, K., *see* Kaffrell A470(1987)141
Yagi, K., *see* Kurokawa A470(1987)377
Yavin, A.I., *see* Aslanides A470(1987)445
Zell, K.O., *see* Lo Bianco A470(1987)266